Structural Technology for Future Large Apertures

David Clements[1], Jason Hinkle[1], Matt Griffin[2], Ken King[3], and Matt Fox[1]
(Email: d.clements@imperial.ac.uk)

[1]Imperial College London
[2]Cardiff University, Cardiff, Wales, United Kingdom
[3]Rutherford-Appleton Lab

The SPIRE ICC (Instrument Control Centre) is concerned with all aspects of running the SPIRE instrument on Herschel, from observational operations to cryogenic testing. We are responsible for defining the AOTs (Astronomical Observing Templates) which will be the observers' interface to the instrument, with generating the calibration files, and with writing data reduction and testing software. This poster reviews various elements of the SPIRE ICC's work, including AOT definition, the use of our QLA (Quick Look Analysis) software in testing, and the development of the data reduction pipeline and IA (Interactive Analysis) software. The SPIRE ICC is a multi-centric organization with sites at Imperial College London, Rutherford Appleton Lab (RAL) in Oxfordshire, and the Centre pour Energie Atomique (CEA) in Saclay, France.

From Spitzer to Herschel and Beyond Pasadena, California, June 2004 Conference Program and Abstracts